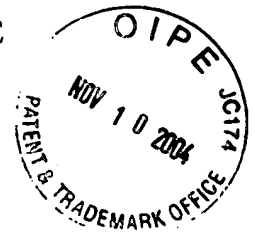


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Yasuhiro ONO, et al.	:	Confirmation Number: 5439
Application No.: 10/828,553	:	Group Art Unit: 1753
Filed: April 21, 2004	:	Examiner: Not yet assigned



For: THERMOELECTRIC CONVERSION MATERIAL, THERMOELECTRIC CONVERSION ELEMENT USING THE MATERIAL, AND ELECTRIC POWER GENERATION METHOD AND COOLING METHOD USING THE ELEMENT

**REQUEST FOR CORRECTED FILING RECEIPT**

Mail Stop OFR  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the assignee information was omitted. Attached is a copy of the Assignment document, which evidences that the assignee information should read **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** It is requested that a corrected filing receipt be issued.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

  
Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 MEF:aph  
Facsimile: 202.756.8087

**Date: November 10, 2004**

Please recognize our Customer No. 20277 as our correspondence address.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/828,553	04/21/2004	1753	1314	71025-011	9	43	3

MCDERMOTT, WILL & EMERY  
 600 13th Street, N.W.  
 Washington, DC 20005-3096



CONFIRMATION NO. 5439

## UPDATED FILING RECEIPT



\*OC000000013839383\*

Date Mailed: 09/20/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yasuhiro Ono, Miyagi, JAPAN;  
 Shingo Inayama, Miyagi, JAPAN;  
 Yuzuru Miyazaki, Miyagi, JAPAN;  
 Tsuyoshi Kajitani, Miyagi, JAPAN;  
 Satoshi Yotsuhashi, Hyogo, JAPAN;  
 Hideaki Adachi, Osaka, JAPAN;

Power of Attorney: None

Domestic Priority data as claimed by applicant

## Foreign Applications

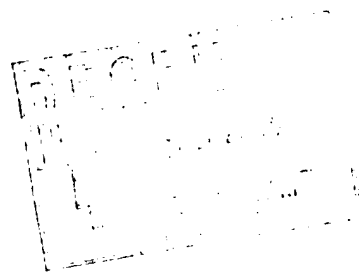
JAPAN 2003-116840 04/22/2003

If Required, Foreign Filing License Granted: 06/29/2004

The number of your priority application, to be used for filing abroad under the Paris Convention is,  
**US10/828,553**

Projected Publication Date: 12/30/2004

Non-Publication Request: No



**Early Publication Request:** No

**Title**

Thermoelectric conversion material, thermoelectric conversion element using the material, and electric power generation method and cooling method using the element

**Preliminary Class**

136

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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FORM PTO-1595  
(Rev. 10/02)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 71025-011

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Yasuhiro ONO, Shingo INAYAMA, Yuzuru MIYAZAKI,  
Tsuyoshi KAJITANI, Satoshi YOTSUHASHI, Hideaki ADACHI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 24, 2004, May 24, 2004, May 20, 2004,  
May 20, 2004, May 18, 2004, May 18, 2004  
(respectively)

2. Name and address of receiving party(ies):

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO.,  
LTD.

Address: 1006, Oaza Kadoma,  
Kadoma-shi  
Osaka, Japan 571-8501

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

10/828,553, filed on April 21, 2004

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.*

Michael E. Fogarty, 36,139

August 23, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Yasuhiro ONO</u>	(4) <u>Tsuyoshi KAJITANI</u>
(2) <u>Shingo INAYAMA</u>	(5) <u>Satoshi YOTSUHASHI</u>
(3) <u>Yuzuru MIYAZAKI</u>	(6) <u>Hideaki ADACHI</u>

who have made a certain new and useful invention, hereby sell, assign and transfer unto

**MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD**

1006, Oaza Kadoma,

Kadoma-shi,

Osaka 571-8501 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**THERMOELECTRIC CONVERSION MATERIAL, THERMOELECTRIC  
CONVERSION ELEMENT USING THE MATERIAL, AND ELECTRIC POWER  
GENERATION METHOD AND COOLING METHOD USING THE ELEMENT**

(a) for which an application for United States Letters Patent was filed on April 21, 2004, and identified by United States Serial No. \_\_\_\_\_ ; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>Yasuhiro Ono</u> Name: Yasuhiro ONO	<u>May 24, 2004</u>
2)	<u>Y.O. 04/05/24</u> <u>Shingo Inayama</u> Name: Shingo INAYAMA	<u>Y.O. 04/05/24</u> <del>May 20, 2004</del> <u>May 24, 2004</u>
3)	<u>Yuzuru Miyazaki</u> Name: Yuzuru MIYAZAKI	<u>May 20, 2004</u>
4)	<u>Tsuyoshi Kajitani</u> Name: Tsuyoshi KAJITANI	<u>May 20, 2004</u>
5)	<u>Satoshi Yotsuhashi</u> Name: Satoshi YOTSUHASHI	<u>May 18, 2004</u>
6)	<u>Hideaki Adachi</u> Name: Hideaki ADACHI	<u>May 18, 2004</u>